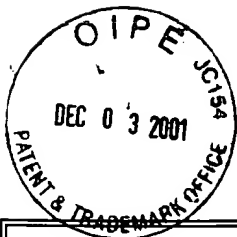


#3

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO.: 07121.0001U1		SERIAL NO. 09/856,025	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: Sung et al.			
				FILING DATE: May 16, 2001		GROUP: Unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
mmr	A1	EP 0828002	03/11/98	Sung et al. (Europe)	—	—	
	A2	WO 9529997	11/09/95	Morgan et al. (PCT)	—	—	
mmr	A3	WO 9424270	10/27/94	Campbell et al. (PCT)	—	—	
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
mmr	A4	Wakarchuk et al. "Thermostabilization of the Bacillus Circulans Xylanase by the Introduction of Disulfide Bonds," <i>Protein Engineering</i> 7(11):1379-1386 (1994)					
	A5	Marquardt et al. "Recommendations for future research on the use of enzymes in animal feeds," <i>Enzymes in Poultry and Swine Nutrition</i> , pp. 129-138 (June 1997)					
	A6	Liu et al. "Exogenous enzymes for pig diets: an overview," <i>Enzymes in Poultry and Swine Nutrition</i> , pp. 115-128 (June 1997)					
mmr	A7	Guenter "Practical experience with the use of enzymes," <i>Enzymes in Poultry and Swine Nutrition</i> , pp. 53-62					
EXAMINER:		mmr		DATE CONSIDERED:		7/21/03	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



#6

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LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT: Sung et al.				
		FILING DATE: May 16, 2001		GROUP: Unassigned		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS SUBCLASS	FILING DATE IF APPROPRIATE
mm	B1	5,405,769	4/11/95	Campbell et al.	—	—
FOREIGN PATENT DOCUMENTS						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
mm	B2	Arase et al. "Stabilization of xylanase by random mutagenesis," <i>Federation of European Biochemical Societies</i> , 316(2):123-127 (January 1993)				
	B3	Cowan "Protein stability at high temperatures," <i>Essays in Biochemistry</i> , Volume 29, pp. 193-207 (1995)				
	B4	Gupta "Thermostabilization of Proteins," <i>Biotechnology and Applied Biochemistry</i> , Volume 14, pp. 1-11 (1991)				
	B5	Paloheimo et al. "Thermostable Xylanases Produced by Recombinant <i>Trichoderma Reesei</i> for Pulp Bleaching," <i>Carbohydrases from Trichoderma reesei and Other Microorganisms</i> , pp. 255-264 (1997)				
	B6	Sung et al. "Overexpression of the <i>Bacillus subtilis</i> and <i>circulans</i> Xylanases in <i>Escherichia coli</i> ," <i>Protein Expression and Purification</i> , Volume 4, pp. 200-206 (1993)				
	B7	Sung et al. "Short synthetic oligodeoxyribonucleotide leader sequences enhance accumulation of human proinsulin synthesized in <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , Volume 83, pp. 561-565 (February 1986)				
mm	B8	Viveros et al. "Effect of enzyme supplementation of a diet based on barley, and autoclave treatment, on apparent digestibility, growth performance and gut morphology of broilers," <i>Animal Feed Science and Technology</i> , Volume 48, pp. 237-251 (1994)				
EXAMINER:		DATE CONSIDERED: 7/21/03				
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